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- Core services in the architecture of the national science digital library (NSDL)**  
[Carl Lagoze, William Arms, Stoney Gan, Diane Hillmann, Christopher Ingram, Dean Krafft, Richard Marisa, Jon Phipps, John Saylor, Carol Terrizzi, Walter Hoehn, David Millman, James Allan, Sergio Guzman-Lara, Tom Kalt](#)  
 July 2002 **JCDL '02: Proceedings of the 2nd ACM/ IEEE-CS joint conference on Digital libraries**  
**Publisher:** ACM [Request Permissions](#)  
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We describe the core components of the architecture for the National Science Digital Library (NSDL). Over time the NSDL will include heterogeneous users, content, and services. To accommodate this, a design for a technical and organization infrastructure ...

**Keywords:** architecture, interoperability, metadata, testbeds

- Secure virtual enclaves: Supporting coalition use of distributed application technologies**  
[May 2001](#) **Transactions on Information and System Security (TISSEC)**, Volume 4 Issue 2  
**Publisher:** ACM [Request Permissions](#)  
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The Secure Virtual Enclaves (SVE) collaboration infrastructure allows multiple organizations to share their distributed application objects, while respecting organizational autonomy over local resources. The infrastructure is transparent to applications, ...

**Keywords:** Access control, coalition, collaborative system, group communication, middleware, security policy

- Java-based mobile agents**  
[David Wong, Noemi Paciorek, Dana Moore](#)  
 March 1999 **Communications of the ACM**, Volume 42 Issue 3  
**Publisher:** ACM [Request Permissions](#)  
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[Jari Arkko](#), [Tuomas Aura](#), [James Kempf](#), [Vesa-Matti Mäntylä](#), [Pekka Nikander](#), [Michael Roe](#)

September 2002 **WISE '02: Proceedings of the 1st ACM workshop on Wireless security**

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When IPv6 Neighbor and Router Discovery functions were defined, it was assumed that the local link would consist of mutually trusting nodes. However, the recent developments in public wireless networks, such as WLANs, have radically changed the situation. ...

**Keywords:** autoconfiguration, detection, duplicate address, identity-based cryptosystems, neighbor discovery, router discovery

5 [A composable framework for secure multi-modal access to internet services from Post-PC devices](#)

[Steven J. Ross](#), [Jason L. Hill](#), [Michael Y. Chen](#), [Anthony D. Joseph](#), [David E. Culler](#), [Eric A. Brewer](#)

October 2002 **Mobile Networks and Applications**, Volume 7 Issue 5

**Publisher:** Kluwer Academic Publishers

Full text available: [Pdf](#) (340.33 KB)

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The Post-PC revolution is bringing information access to a wide range of devices beyond the desktop, such as public kiosks, and mobile devices like cellular telephones, PDAs, and voice based vehicle telematics. However, existing deployed Internet services ...

**Keywords:** internet, middleware, post-PC, security, transcoding

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